



# D0 Status Report

## 6/27/2005

Taka Yasuda  
Fermilab



# Data Taking for 6/20 – 6/26

Day	Delivered	Recorded	Eff.	Comments
6/20 (Mon)	1.54 pb <sup>-1</sup>	1.34 pb <sup>-1</sup>	87 %	
6/21 (Tue)	2.52 pb <sup>-1</sup>	2.33 pb <sup>-1</sup>	93 %	
6/22 (Wed)	0.52 pb <sup>-1</sup>	0.46 pb <sup>-1</sup>	89 %	
6/23 (Thu)	1.74 pb <sup>-1</sup>	1.38 pb <sup>-1</sup>	80 %	1 hour downtime due to CTT x13.
6/24 (Fri)	2.19 pb <sup>-1</sup>	1.50 pb <sup>-1</sup>	68 %	Trigger v14 put online for store 4233.
6/25 (Sat)	2.66 pb <sup>-1</sup>	2.14 pb <sup>-1</sup>	81 %	50 min downtime due to CTT x13.
6/26 (Sun)	2.39 pb <sup>-1</sup>	2.34 pb <sup>-1</sup>	94 %	

6/20 – 6/26	13.56 pb <sup>-1</sup>	11.49 pb <sup>-1</sup>	85 %	
-------------	------------------------	------------------------	------	--



# Store Statistics

Store	Init Lum	Duration	Delivered	Recorded	Eff.	Comments
4219	50E30	15 hours	1.58 pb <sup>-1</sup>	1.34 pb <sup>-1</sup>	85 %	
4221	84E30	26 hours	3.06 pb <sup>-1</sup>	2.79 pb <sup>-1</sup>	91 %	
4228	80E30	10 hours	1.73 pb <sup>-1</sup>	1.38 pb <sup>-1</sup>	80 %	1 hour downtime due to CTT x13.
4233	95E30	28 hours	3.49 pb <sup>-1</sup>	2.69 pb <sup>-1</sup>	77 %	Trigger V14 put online.
4234	108E30	28 hours	3.75 pb <sup>-1</sup>	3.18 pb <sup>-1</sup>	85 %	50 min downtime due to CTT x13.
4235	93E30					On going.



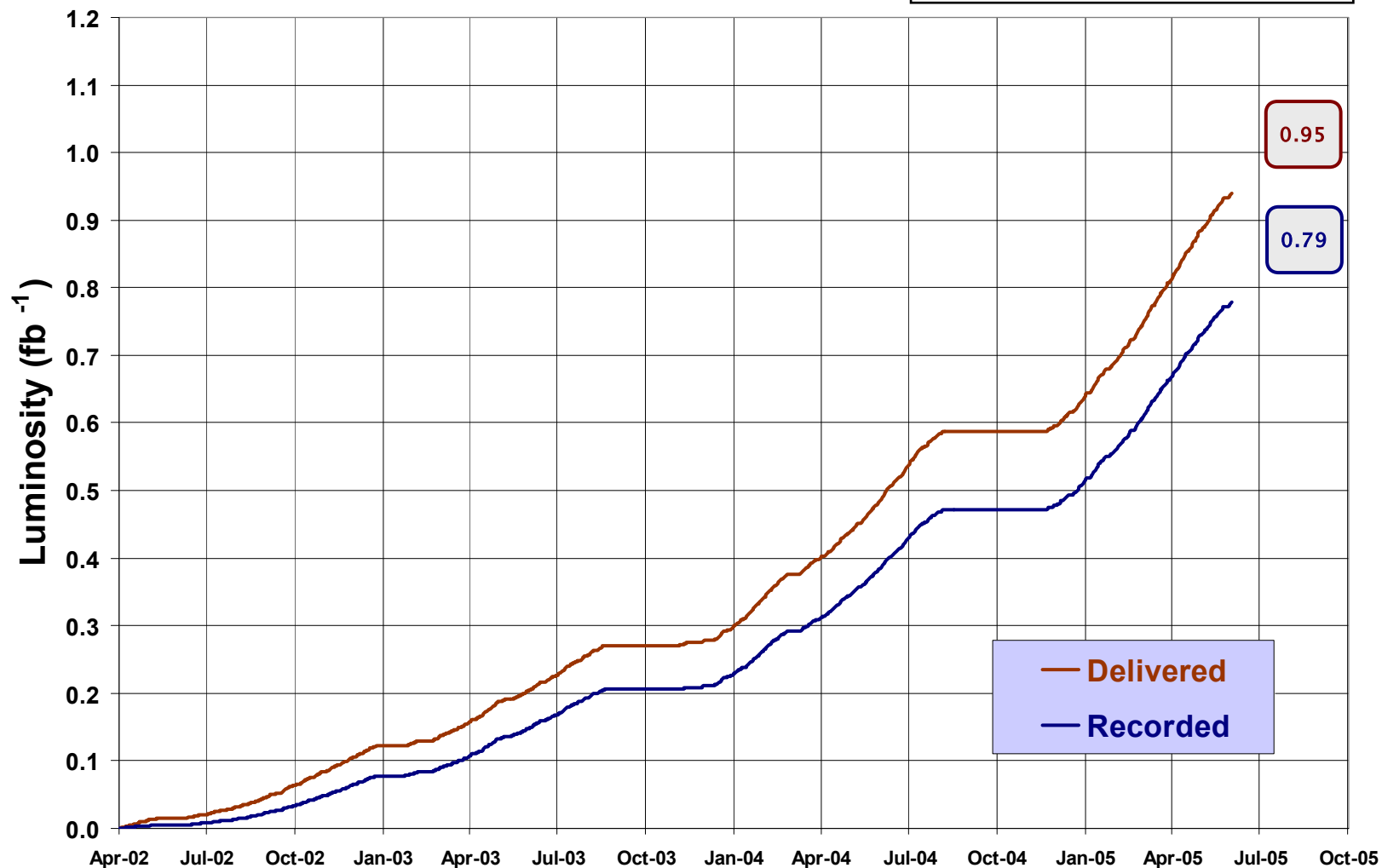
# Notable events of the week

- Trigger v14 put online for store 4233.
  - The trigger is intended for high luminosity running.
  - Experts need to certify this trigger, by looking at the data we took, before switching to this version permanently.
- Central Track Trigger continues to be the source of downtime.
  - A new set of diagnostic tools developed. This should help tracking down the sources of problems.



## Run II Integrated Luminosity

19 April 2002 - 26 June 2005



27 June 2005

T. Yasuda, Fermilab